

(51) 国際特許分類6  
G01N 27/28, 31/22

A1

(11) 国際公開番号

WO00/19189

(43) 国際公開日

2000年4月6日(06.04.00)

(21) 国際出願番号

PCT/JP99/05325

(22) 国際出願日

1999年9月29日(29.09.99)

(30) 優先権データ

特願平10/291509

1998年9月29日(29.09.98)

JP

(71) 出願人 (米国を除くすべての指定国について)

オムロン株式会社(OMRON CORPORATION)[JP/JP]

〒616-8025 京都府京都市右京区花園土堂町10番地 Kyoto, (JP)

(72) 発明者 ; および

(75) 発明者 / 出願人 (米国についてのみ)

時田宗雄(TOKITA, Muneco)[JP/JP]

佐野佳彦(SANO, Yoshihiko)[JP/JP]

丸鬼清次(KUKI, Kiyotsugu)[JP/JP]

田中伸哉(TANAKA, Shinya)[JP/JP]

〒616-8025 京都府京都市右京区花園土堂町10番地

オムロン株式会社内 Kyoto, (JP)

(74) 代理人

世良和信, 外(SERA, Kazunobu et al.)

〒103-0004 東京都中央区東日本橋3丁目4番10号

コヤマビル6階 Tokyo, (JP)

(81) 指定国 CN, US, 欧州特許 (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)

添付公開書類

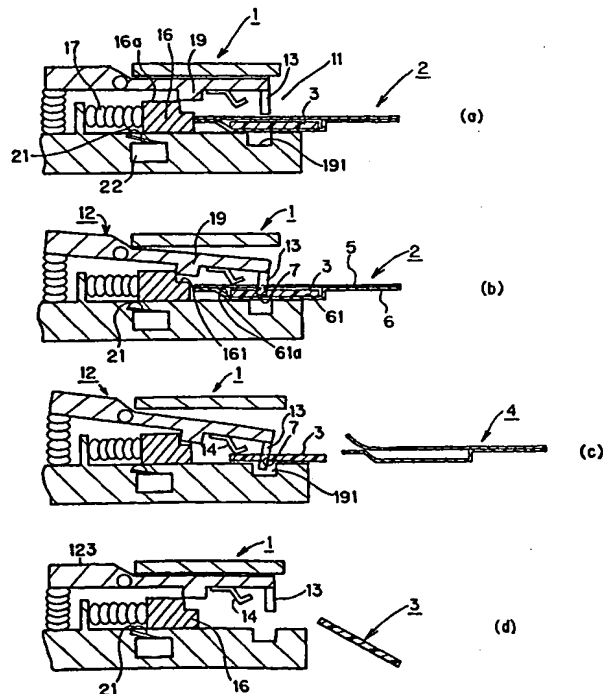
国際調査報告書

(54) Title: SAMPLE COMPONENT ANALYSIS SYSTEM AND SENSOR CHIP AND SENSOR PACK USED FOR THE SYSTEM

(54) 発明の名称 試料成分分析システム並びにこのシステムに使用されるセンサチップ及びセンサパック

## (57) Abstract

A sample component analysis system which facilitates mounting of a sensor chip to an analysis device and has an analysis device simple in construction, and a sensor pack and a sensor chip usable in the system. A sensor chip (3) together with a sensor pack (2) is inserted into an opening (11) of the analysis device (1). When the sensor pack (2) pushes in a slider (16), a support member (12) turns to allow a holding member (13) to break through a film (5) and pass through a hole (7) of the sensor chip (3). When the packing material (4) of the sensor pack (2) is pulled off, the sensor chip (3) only is held by the holding member (13). When a button (123) is pressed, the support member (12) turns to release the holding member and enable the sensor chip (3) to be discarded.



### ABSTRACT OF THE DISCLOSURE

5 A sample ingredient analyzing system, and a sensor pack and a sensor chip usable in the system. The analyzing system has an analyzing device of a simple structure to which the sensor chip can be easily attached. The sensor pack containing the sensor chip is inserted into an opening of the analyzing device. When a slider is pushed in by the sensor pack, a supporting member rotates and a retaining member penetrates a film and plunges through a hole in the sensor chip. When the packaging material of the sensor pack is drawn out, only the sensor chip is retained by the retaining member. When a button is pressed, the supporting member rotates to release the retaining member from the retaining state, thereby enabling the sensor chip to be thrown away.

1990/07/06 07:06:01